BRUHAT BANGALORE MAHANAGAR PALIKE
DASARAHALLI ZONE

Work: Construction of Compund wall and other works at Indira Canteen at Abbigere in Ward No.12, Shettyhalli Sub Division.

No 012-18-000054 — Est Cost Rs. 4.80Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
KSB-2-2.2: **Earthwork excavation for foundation of buildings, water supply, sanitary lines** and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 4.1(b) 2.3.5 **Page No. 5/ Item No. 2.4/ PWD SR 2016-17**								
for Leveling the site	Cum	1	12.00	14.00	0.40	67.20		
						67.20	305.64	20539.01
in Hard Soil Basic Rate	283.00							
Area Weightage @ 8%	22.64							
	305.64							
KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.3 of PWD SR 2016-17)								
Compound wall	cum	1	28.00	0.60	0.15	2.52		
		1	15.00	0.60	0.15	1.35		
for plant box		1	30.00	0.30	0.15	1.35		
		1	15.00	0.30	0.15	0.68		
Canteen left side	sqm	1	15.00	1.00	0.15	2.25		
Back side		1	13.50	1.00	0.15	2.03		
Right side		1	15.00	1.00	0.15	2.25		
Front side		2	2.00	1.50	0.15	0.90		
footpath		1	50.00	0.60	0.15	4.50		
		1	6.00	1.20	0.15	1.08		
						18.90	5,256.36	99,345.20
Basic Rate	4867.00							
Area Weightage @ 8%	389.36							
	5,256.36							
3 Providing and constructing **granite /trap/ baslat size stone masonry in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications **(Page No. 23, Item No. 5.9)**								

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	Compound wall	Cum	1	28.00	0.60	0.45	7.56		
			1	15.00	0.60	0.45	4.05		
							11.61	**5,405.40**	**62756.69**
	Basic Rate	5,005.00							
	Area Weightage 8%	400.40							
		5,405.40							

4 Providing and constructing **pre cast concrete solid blocks** with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure **(Page No.25,Item No.5.27)**

	Compound wall L/s	**Sqm**	1	28.00		1.60	44.80		
	R/s		1	15.00		1.60	24.00		
	Front side		2	8.00		0.60	9.60		
	for plant box		1	30.00		0.40	12.00		
						Total	**90.40**	1,011.96	**91,481.18**
	Basic Rate	937.00							
	Area Weightage 8%	74.96							
		1,011.96							

5 Providing and laying in position **plain cement concrete of nominal mix 1:2:4** using 20mm and down size graded granite metal machine mixed concrete liad in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery, curing complete as per specifications **(Page No. 12, Item No. 4.6)**

	Compound wall plinth coping	Cum	1	28.00	0.60	0.10	2.80		
			1	15.00	0.60	0.10	1.50		
	Coping over wall		1	28.00	0.20	0.10	2.80		
			1	15.00	0.20	0.10	1.50		
	for fixing poles		8	0.45	0.45	0.60	2.16		
							10.76	**5,876.28**	**63228.77**
	Basic Rate	5,441.00							
	Area Weightage 8%	435.28							
		5,876.28							

6 **Providing 20mm thick cement plaster in single coat** with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **(Page No114, Item No.15.18)**

	Compound wall	**Sqm**	2	28.00		1.65	92.40		
			2	15.00		1.65	49.50		
							141.90	279.72	**39692.**
	Basic Rate	**259.00**							
	Area Weightage 8%	20.72							
		279.72							

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	KSRB13-6.3-4 : **Providing and fixing in position brass gate valve with** C.I wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No KSB 13.2.8 / 13.3 **(P No 91 & 13.20)**								
		Each	2				2.00	1,951.24	3,902.48
	Basic Rate	1,810.00							
	Area Weightage @ 8%	141.24							
		1,951.24							
8	**Providing and fixing to wall, ceiling and floor** unplasticised PVC pipes 10.00 kg/sq.cm working pressure clamp pipes / Warm or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with **140mm outer dia (P No 74 & 11.58.3)**								
	for connecting sanitary line from canteen back side	mtr	1	40.00			40.00	1141.20	45648.00
	Basic Rate	1140.00							
	Area Weightage @ 8%	91.20							
		1,231.20							
9	Constructing brick masonry inspection chamber 600x600mm, and 450mm **depth**, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KSB 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. **(P.No. 73/ LNo.11.59.1 of PWD SR 2016-17)**								
	Inspection Chambers	Each	4				4	3571.32	14285.28
	Basic Rate	3554.00							
	Area Weightage @ 8%	715.32							
		9,570.32							
10	**Providing and finishing external walls in two coats with waterproof cement paint of** approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications **(Page No. 117, Item No. 15.53.2)**								
	For compound wall	sqm		Qty as per it 6			141.50	90.72	12839.88

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	Basic Rate	84.00							
	Area Weightage @ 8%	6.72							
		90.72							
1	Miscellaneous and unforseen Charges								53.00
								Total Rs	480000.00
	(Rupees Four Lakhs Eight Thousands Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. EE/DD/AS/01/ ದಿನಾಂಕ: 12/06/17
ರೂ. Four lakh Eighty Thousand only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಪಾ.ಪ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. EE/DD/TS/01/ ದಿನಾಂಕ: 12/06/17
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ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
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